

Application No. 10/810,204  
Amendment dated January 17, 2006  
Reply to Office Action of September 15, 2005

### REMARKS/ARGUMENTS

Claims 22-25 remain in this application. Claim 22 has been amended to more clearly and accurately define patentable subject matter and to overcome the Examiner's rejections.

#### Drawings (Page 2 of the Office Action)

FIG. 4 has been corrected by adding sense output 124, which may be used to feed auxiliary devices.

#### Specification (Page 3 of the Office Action)

Applicant has amended the specification by inserting the following paragraph on page 1 at line 7:

This application is a divisional of U.S. Patent Application No. 10/022,450, filed December 16, 2001, issued on September 13, 2005 as U.S. Patent No. 6,943,529.

Applicant has also amended the paragraphs beginning on page 22 at line 16 and page 23 at line 5 to make typographical corrections.

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Claim Rejections (Pages 3 and 4 of the Office Action)

Claim 22 has been amended to more clearly and accurately define patentable subject matter and to overcome the Examiner's rejections. Claim 22 has been amended to include a voltage and current regulator, which comprises an adjustable band-gap voltage reference diode, a voltage divider potentiometer, a resistor, and a transistor not found in any prior art. As a result Claims 23-25 also more clearly and accurately define patentable subject matter and overcome the Examiner's rejections, and which are also not found in any prior art.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,



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